

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(hydrophobic with coating\$2) same heat adj (exchang\$2 or fin \$1) with (coating same plate) and (428/457). ccls.	US-PGPUB; USPAT	AND	ON	2010/12/16 10:53
L2	1	(hydrophobic with coating\$2) same heat adj (exchang\$2 or fin \$1) with (coating same plate) and (427/402). ccls.	US-PGPUB; USPAT	AND	ON	2010/12/16 10:55
S1	87649	thickness same plate same like	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 14:43
S2	86	thickness same plate same like same paint adj like	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 14:44
S3	43600	plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 14:46
S4	235	plate adj material same hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/09 14:47
S5	0	plate adj material same heat adj exchanger same chromic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 15:11
S6	420	plate adj material same heat adj exchanger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 15:11

S7	262	plate adj material with heat adj exchanger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 15:12
S8	26	plate adj material with heat adj exchanger same fins	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 15:13
S9	26	plate adj material same heat adj exchanger same treatment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 15:27
S10	26	plate adj material same heat adj exchanger same treatment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 15:27
S11	29	plate adj material same heat adj exchanger same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 15:27
S12	2	plate adj material same heat adj exchanger same hydrophobic same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:17
S13	0	hydrophobic same coating same fins same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:20
S14	15	hydrophobic same coating same fins same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:20
S15	119	hydrophobic same heat adj exchang\$2 same coating same hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:22
S16	13960	hydrophobic same coating same heat adj exchang\$2 or fin\$1 same coating same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:35

S17	4760	hydrophobic same coating same heat adj exchang\$2 or fin\$1 with coating same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:36
S18	4738	hydrophobic with coating same heat adj exchang\$2 or fin\$1 with coating same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:36
S19	4710	hydrophobic with coating with heat adj exchang\$2 or fin\$1 with coating same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:36
S20	260	hydrophobic with coating with heat adj exchang\$2 or fin\$1 with coating same plate and chromic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 16:37
S21	37	hydrophobic same heat adj exchanger with coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 17:13
S22	1126	hydrophobic same plate with coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 17:17
S23	4	hydrophobic same plate with coating same fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 17:17
S24	3	hydrophobic same plate with coating same radiating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 17:18
S25	14	hydrophobic same plate adj like with coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 17:18
S26	21	hydrophobic same plate adj material with coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 17:20

S27	0	hydrophobic same plate adj material with coating not S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/09 17:20
S28	164	hydrophobic with coating same heat adj exchang\$2 or fin\$1 with coating same plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/09 17:21
S29	164	hydrophobic with coating same heat adj exchang\$2 or fin\$1 with coating same plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 07:51
S30	1	S29 and dyn adj cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 07:51
S31	28	S29 and surface adj tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 07:52
S32	2804	dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 07:57
S33	36251	dyn/cm and radiating adj fan or plate same material and hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 07:58
S34	0	dyn/cm and radiating adj fan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 07:58
S35	133	dyn/cm and plate same material and hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 07:59
S36	34	dyn/cm and heat adj exchanger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:01

S37	1034	dyn/cm and plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:05
S38	10	dyn/cm and plate and fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:05
S39	19	dyn/cm and plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:06
S40	42	dyn/cm and exchanger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:07
S41	11169	dyn/cm or surface tension and plate same material and hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:11
S42	4071	dyn/cm or surface tension same plate same material and hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:11
S43	2824	dyn/cm or surface tension same plate adj material and hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:11
S44	2804	dyn/cm or surface tension same plate adj material with hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:12
S45	2804	dyn/cm or surface tension adj plate adj material with hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 08:12
S46	2241	dyn/cm or surface tension adj plate adj material with hydrophobic	US-PGPUB; USPAT; JPO	AND	ON	2008/09/10 08:12
S47	2241	dyn/cm or surface tension adj plate adj material with hydrophobic	US-PGPUB; USPAT; JPO	AND	OFF	2008/09/10 08:12

S48	2241	dyn/cm or surface tension adj plate adj material adj hydrophobic	US-PGPUB; USPAT; JPO	AND	OFF	2008/09/10 08:13
S49	0	dyn/cm with surface tension adj plate adj material adj hydrophobic	US-PGPUB; USPAT; JPO	AND	OFF	2008/09/10 08:13
S50	0	dyn/cm near surface tension adj plate adj material adj hydrophobic	US-PGPUB; USPAT; JPO	AND	OFF	2008/09/10 08:13
S51	0	dyn/cm same surface tension adj plate adj material adj hydrophobic	US-PGPUB; USPAT; JPO	AND	OFF	2008/09/10 08:13
S52	560	dyn/cm or surface tension adj plate adj material with hydrophobic	JPO	AND	OFF	2008/09/10 08:14
S53	560	dyn/cm or surface tension adj plate adj material adj hydrophobic	JPO	AND	OFF	2008/09/10 08:15
S54	0	dyn/cm adj plate adj material adj hydrophobic	JPO	AND	OFF	2008/09/10 08:15
S55	0	surface tension adj plate adj material adj hydrophobic	JPO	AND	OFF	2008/09/10 08:15
S56	0	surface tension same plate adj material adj hydrophobic	JPO	AND	OFF	2008/09/10 08:16
S57	560	dyn/cm or surface tension adj exchange adj fan adj hydrophobic	JPO	AND	OFF	2008/09/10 08:16
S58	560	dyn/cm or surface tension adj plate adj material adj hydrophobic not dyn/cm <sup>2</sup>	JPO	AND	OFF	2008/09/10 08:20
S59	2	plate adj material adj hydrophobic	JPO	AND	OFF	2008/09/10 08:22
S60	0	exchange adj fan adj hydrophobic	JPO	AND	OFF	2008/09/10 08:22
S61	0	exchange adj fan same hydrophobic	JPO	AND	OFF	2008/09/10 08:22
S62	74	exchange adj fan	JPO	AND	OFF	2008/09/10 08:22
S63	1	exchange adj fan and coating	JPO	AND	OFF	2008/09/10 08:23

S64	541	surface adj tension same paint and plate adj material or radiating adj fan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:25
S65	534	dyn/cm same paint and plate adj material or radiating adj fan not dyn/cm2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:26
S66	533	dyn/cm same paint same coating and plate adj material or radiating adj fan not dyn/cm2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:27
S67	43600	plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:33
S68	2643	plate adj material same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:33
S69	0	plate adj material same coating same dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:33
S70	2	plate adj material same coating and dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:33
S71	0	"62278033".FREF.	JPO	AND	OFF	2008/09/10 08:38
S72	0	"62-278033".FREF.	JPO	AND	OFF	2008/09/10 08:38
S73	0	(Showa adj Aluminum adj Corporation).AS.	JPO	AND	OFF	2008/09/10 08:40
S74	157	(Showa adj Aluminum adj Corporation).AS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:40
S75	0	(Showa adj Aluminum adj Corporation).AS. and hydrophobic same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:45

S76	57592	(Kobe adj steel).AS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:46
S77	238	(Kobe adj steel).AS. and plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:47
S78	3	(Kobe adj steel).AS. and plate adj material and hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:47
S79	0	(Mitsubishi adj heavy adl industries).AS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:51
S80	1880	(Mitsubishi adj heavy adj industries).AS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:51
S81	9	(Mitsubishi adj heavy adj industries).AS. and plate adj material and hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 08:51
S82	2804	plate adj material and dyn adj cm or dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:09
S83	1119	plate adj material and dyn adj cm or dyn/cm and treatment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:11
S84	1040030	plate adj material and dyn adj cm or dyn/cm and treatment and surfaceadj tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:12
S85	855	plate adj material and dyn adj cm or dyn/cm and treatment and surface adj tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:12



S86	209	plate adj material and dyn adj cm or dyn/cm and treatment same surface adj tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:13
S87	43600	plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:23
S88	1	plate adj material and radiating adj fan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:23
S89	0	plate adj material and radiating adj fan same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:24
S90	0	plate adj material and radiating adj fan same treatment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:25
S91	43601	plate adj material or radiating adj fan same treatment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:25
S92	43600	plate adj material or radiating adj fan same hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:25
S93	43600	plate adj material or radiating adj fan same dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:26
S94	43600	plate adj material or radiating adj fan adj dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:26
S95	0	plate adj material adj dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:26

S96	5	plate adj material same dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:27
S97	43600	plate adj material or radiating adj fan adj dyn/cm not printing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:29
S98	39102	plate adj material not printing adj plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:29
S99	43180	plate adj material not printing adj plate same hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:30
S100	8031	plate adj coating not printing adj plate same hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:30
S101	8151	plate adj coating not printing adj plate same hydrophobic same dyn	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:33
S102	8151	plate adj coating not printing adj plate same hydrophobic same dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:33
S104	1011	plate adj treatment not printing adj plate same hydrophobic same surface adj tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 09:34
S105	0	hydrophobic same metal adj coating and dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:24
S106	0	hydrophobic adj coating same meatl and dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:25

S107	0	hydrophobic adj coating same metal and dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:26
S108	36396	hydrophobic same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:26
S109	6	hydrophobic same coating same metal and dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:26
S110	1	repellant same coating same metal and dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:27
S111	0	repellant same plate same treatment same dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:28
S112	1203	repellant same plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:28
S113	12	repellant same plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 10:28
S114	235	hydrophobic same plate adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 12:14
S115	2	hydrophobic same plate adj material same surface adj tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 13:47
S116	1	hydrophobic same plate adj material and dyn/cm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 13:48

S117	0	427/402.ccls. same hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 15:24
S118	8149	plate adj coating not printing adj plate same hydrophobic same surface adj tension	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/10 15:42
S119	1761	S118 and solvent	US-PGPUB; USPAT	OR	OFF	2008/09/10 15:42
S120	275	S119 and butanol	US-PGPUB; USPAT	OR	OFF	2008/09/10 15:43
S121	12777	metal and alcohol with solvent same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:11
S122	312	metal and alcohol with solvent same coating same hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:11
S123	0	metal and alcohol with solvent same coating same hydrophobic same (plate adj like or plate-like) adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:13
S124	0	solvent and coating same hydrophobic same (plate adj like or plate-like) adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:13
S125	0	coating same hydrophobic same (plate adj like or plate-like) adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:13
S126	0	treatment same hydrophobic same (plate adj like or plate-like) adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:14
S127	1	hydrophobic same (plate adj like or plate-like) adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:14

S128	62	hydrophobic same (plate adj like or plate-like) same material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:14
S129	25	hydrophobic same (plate adj like or plate-like) same material and solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:15
S130	25	hydrophobic same (plate adj like or plate-like) same material and alcohol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:16
S131	0	alcohol same metal same coating same hyrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:17
S132	653	alcohol same metal same coating same hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:17
S133	8	alcohol same metal same coating same hydrophobic and plate-like	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:17
S134	35	alcohol same metal same coating same hydrophobic same paint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:21
S135	101	metal same coating same hydrophobic same paint and alcohol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:22
S136	2164	(hydrophobic same paint)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:25
S137	1185	(hydrophobic same paint) and ("oh" or alcohol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:26

S138	1005	S137 and solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:27
S139	306	(hydrophobic same paint) and (("oh" or alcohol) with solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:27
S140	850	(hydrophobic same paint) and (("oh" or alcohol) with solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:27
S141	800	(hydrophobic same paint) and ((alcohol) with solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:27
S142	120	( (hydrophobic with organic) same paint) and ((alcohol) with solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:28
S143	55	S142 and (butanol or pentanol or isobutanol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:30
S144	91	( (hydrophobic with organic) same paint) and (disperse or dispersion) and ((alcohol) with solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:32
S145	504	(hydrophobic same paint) and (disperse or dispersion) and ((alcohol) with solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:34
S146	230	(hydrophobic with paint) and (disperse or dispersion) and ((alcohol) with solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:34
S147	50	(hydrophobic with paint) and ((disperse or dispersion) same ((alcohol) with solvent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:35

S148	1	fluorochemical adj coating same metal same solvent adj based	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:46
S149	49	fluorochemical same solvent adj based	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:48
S150	96	silicone same solvent adj based same metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:50
S151	3	silicone same solvent adj based same metal same treatment	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 16:55
S152	146	(hydrophobic same paint) and ((disperse or dispersion) same ((alcohol) with solvent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:58
S153	139	alcohol same dispersion same hydrophobic same paint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/10 16:59
S154	5082	ester adj alcohol	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:09
S155	282842	ester adj alcohol and fluorochemical or silicone	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:10
S156	218	ester adj alcohol and fluorochemical or silicone and plate-like adj material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 17:10
S157	1080908	metal adj coating same alcohol adj based or alcohol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 17:25
S158	1080908	metal adj coating with alcohol adj based or alcohol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 17:26

S159	381686	metal adj coating with alcohol adj based or alcohol	USPAT	AND	OFF	2008/09/10 17:26
S160	381686	hydrophobic samemetal adj coating with alcohol adj based or alcohol	USPAT	AND	OFF	2008/09/10 17:37
S161	381686	hydrophobic same metal adj coating with alcohol adj based or alcohol	USPAT	AND	OFF	2008/09/10 17:37
S162	0	hydrophobic same metal adj coating with alcohol adj based or alcohol with plate-like adj material	USPAT	AND	OFF	2008/09/10 17:38
S163	126	hydrophobic same metal adj coating with alcohol adj based or alcohol and plate-like adj material	USPAT	AND	OFF	2008/09/10 17:38
S164	849098	solvent adj based coating	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:41
S165	93009	solvent adj based coating and butanol or pentanol or hexanol	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:42
S166	84652	solvent adj based coating and butanol or pentanol or hexanol and silicone	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:42
S167	82817	solvent adj based coating and butanol or pentanol or hexanol and silicone and fluorochemical	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:43
S168	21851	solvent adj based coating and butanol or pentanol or hexanol and silicone and fluorochemical and plate	US-PGPUB; USPAT	AND	OFF	2008/09/10 17:43
S169	21849	solvent adj based coating and butanol or pentanol or hexanol and silicone and fluorochemical and plate and metal	US-PGPUB; USPAT	AND	OFF	2008/09/10 17:43
S170	110	S169 and dyn/cm	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:44
S171	0	solvent adj based same metal adj coating same hydrophobic	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:46



S172	1	solvent adj based same metal adj coating and hydrophobic	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:47
S173	2	solvent adj based same metal adj coating and silicone	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:47
S174	299017	butanol same fluorochemical or silicone or hydrophobic same coating	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:53
S175	282827	butanol same fluorochemical or silicone or hydrophobic same coating and dym/cm	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:54
S176	282827	butanol same fluorochemical or silicone or hydrophobic same coating same dym/cm	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:54
S177	283223	butanol same fluorochemical or silicone or hydrophobic same coating same surface adj tension	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:54
S178	0	butanol same hydrophobic same coating same surface adj tension	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:54
S179	2	butanol same silicone same coating same surface adj tension	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:55
S180	245	Fluorochemical and solvent adj coating	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:56
S181	245	Fluorochemical and (solvent adj coating)	US-PGPUB; USPAT	OR	OFF	2008/09/10 17:57
S182	4298	silicone and (solvent adj coating)	US-PGPUB; USPAT	OR	OFF	2008/09/10 18:01
S183	35709	silicone and (solvent adj coating) and butanol or pantanol or isobutanol or hexanol	US-PGPUB; USPAT	OR	OFF	2008/09/10 18:01
S184	34687	silicone and (solvent adj coating) same butanol or pantanol or isobutanol or hexanol	US-PGPUB; USPAT	OR	OFF	2008/09/10 18:01
S185	34633	hydrophobic and (solvent adj coating) same butanol or pantanol or isobutanol or hexanol	US-PGPUB; USPAT	OR	OFF	2008/09/10 18:02

S186	327	(plate-like or plate adj like) adj material and solvent	US-PGPUB; USPAT	OR	OFF	2008/09/10 18:03
S187	0	(plate-like or plate adj like) adj material and solvent near spray	US-PGPUB; USPAT	OR	OFF	2008/09/10 18:04
S188	0	hydrophobic adj paint same solvent adj based	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 18:05
S189	9	hydrophobic adj paint same solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 18:05
S190	0	hydrophobic adj solvent adj latex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 18:07
S191	378	solvent adj latex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 18:07
S192	0	solvent adj latex and hydrphobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 18:07
S193	2	solvent adj latex and fluorochemical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 18:08
S194	2	solvent adj paint and fluorochemical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/10 18:11
S195	35	hydrophobic same hydrophilic same solvent same corrosion same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/11 15:34
S196	65	hydrophilic same fin same solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/11 15:50

S197	25	hydrophobic and hydrophilic same fin same solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/11 15:58
S198	514	hydrophobic and hydrophilic same exchange same solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/11 16:00
S199	93	hydrophobic and hydrophilic same exchange same solvent and corrosion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/11 16:00
S200	12	hydrophobic and hydrophilic same exchange same solvent and corrosion same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/11 16:08
S201	169	hydrophobic and hydrophilic same fin or plate-like same solvent and corrosion same coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/11 16:09
S202	196	(hydrophilic and hydrophobic) same (heat adj exchanger or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/12 16:54
S203	49	(hydrophilic and hydrophobic and corrosion) same (heat adj exchanger or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/12 17:09
S204	83	(hydrophobic and corrosion) same (heat adj exchanger or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/12 17:21
S205	639	hydrophobic same (heat adj exchanger or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/12 17:53
S206	49	hydrophobic same (heat adj exchanger or fin) and paint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/09/12 17:54
S207	298	hydrophobic same (heat adj exchanger or fin)	US-PGPUB; USPAT	AND	OFF	2008/09/12 18:06

S208	0	".FREF.08269367" and Yoshikazu	EPO; JPO	AND	OFF	2008/09/16 14:25
S209	0	".FREF.08-269367" and Yoshikazu	EPO; JPO	AND	OFF	2008/09/16 14:25
S210	34222	Yoshikazu	EPO; JPO	AND	OFF	2008/09/16 14:25
S211	23	Yoshikazu and aluminum adj plate	EPO; JPO	AND	OFF	2008/09/16 14:25
S212	23	Yoshikazu and aluminum adj plate	JPO	AND	OFF	2008/09/16 14:26
S213	0	Yoshikazu adj mukai	JPO	AND	OFF	2008/09/16 14:28
S214	109	Yoshikazu and mukai	JPO	AND	OFF	2008/09/16 14:28
S215	63	Yoshikazu and mukai and aluminum	JPO	AND	OFF	2008/09/16 14:29
S216	17	Yoshikazu and mukai and aluminum adj plate	JPO	AND	OFF	2008/09/16 14:29
S217	1	"6013724".pn.	US-PGPUB; USPAT	OR	OFF	2008/09/16 14:40
S218	2465	((acrylic with melamine) or (urethane with phenol) or (zirconium with fluoride with acrylic)) and (plate with coating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 17:23
S219	23	((acrylic with melamine) or (urethane with phenol) or (zirconium with fluoride with acrylic)) and (plate with coating) and (heat adj exchange)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 17:24
S220	35	((acrylic with melamine) or (urethane with phenol) or (zirconium with fluoride with acrylic)) and (plate with coating) and untreated with surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 18:24
S221	8	((acrylic with melamine) or (urethane with phenol) or (zirconium with fluoride with acrylic)) and (heat with exchange) and untreated with surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/26 18:25
S222	39	plate adj material same hydrophobic	EPO; JPO	OR	OFF	2009/05/27 10:45
S223	40	plate adj material same hydrophobic	EPO; JPO	OR	ON	2009/05/27 10:45

S224	16	(plate with material) same hydrophobic and solvent	EPO; JPO	OR	ON	2009/05/27 10:46
S225	1220	(plate with material) same hydrophobic and solvent	US-PGPUB; USPAT	OR	ON	2009/05/27 10:47
S226	143	(plate with material) same hydrophobic and solvent and chromic	US-PGPUB; USPAT	OR	ON	2009/05/27 10:48
S227	1	"3983305".pn.	USPAT	OR	OFF	2009/10/31 14:08
S228	863	(aluminum adj2 plate) and (rolling adj oil)	US-PGPUB; USPAT	OR	OFF	2009/10/31 14:17
S229	7	(aluminum adj2 plate) and (rolling adj oil) adj2 remain\$2	US-PGPUB; USPAT	OR	OFF	2009/10/31 14:18
S230	1	"20050103481"	DERWENT	OR	OFF	2009/10/31 14:42
S231	0	(aluminum adj2 plate) and (rolling adj oil) adj2 residue	US-PGPUB; USPAT	OR	OFF	2009/10/31 14:47
S232	0	(aluminum adj2 plate) and (rolling adj oil) adj2 residu\$5	US-PGPUB; USPAT	OR	ON	2009/10/31 14:47
S233	0	(aluminum adj2 plate) and (rolling adj oil) adj2 presist	US-PGPUB; USPAT	OR	ON	2009/10/31 14:48
S234	0	(aluminum adj2 plate) and (rolling adj oil) with (no adj3 remov\$3)	US-PGPUB; USPAT	OR	ON	2009/10/31 14:49
S235	1	(aluminum adj2 plate) and (rolling adj oil) with (no adj3 treatment)	US-PGPUB; USPAT	OR	ON	2009/10/31 14:50
S236	0	(aluminum adj2 plate) and (rolling adj oil) adj2 remain\$2	DERWENT	OR	OFF	2009/10/31 14:51
S237	0	(aluminum adj2 plate) and (rolling adj oil) near4 (no\$1 adj2 remov \$3)	DERWENT	OR	OFF	2009/10/31 14:52
S238	23	Khan.in. and fluoropolymer	US-PGPUB; USPAT	AND	ON	2010/04/30 10:50
S239	0	Khan.in. and fluoropolymer and hydrophobic and hydrophilic	US-PGPUB; USPAT	AND	ON	2010/04/30 10:50
S240	0	"19930055446"	DERWENT	AND	ON	2010/04/30 10:52
S241	1	"19930055446"	DERWENT	AND	ON	2010/04/30 10:52

S242	1	"5258263".pn.	US-PGPUB; USPAT	AND	ON	2010/04/30 10:53
S243	1	"5760126".pn.	US-PGPUB; USPAT	AND	ON	2010/04/30 11:29
S244	1	"6013724".pn.	USPAT	OR	OFF	2010/12/07 14:38
S245	1	"5342871".pn.	USPAT	OR	OFF	2010/12/07 14:40

**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	(hydrophobic with coating \$2) same heat adj (exchang\$2 or fin\$1) with (coating same plate) and (428/457). ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/12/16 10:55
L4	1	(hydrophobic with coating \$2) same heat adj (exchang\$2 or fin\$1) with (coating same plate) and (428/457). ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/12/16 10:56

**12/ 16/ 2010 10:57:12 AM**
**C:\ Documents and Settings\ gclark1\ My Documents\ EAST\ Workspaces\ Appl# 10554709.pts.  
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